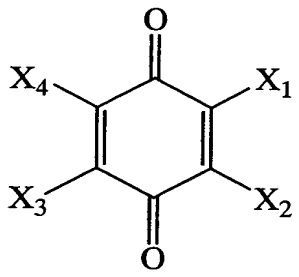
WHAT IS CLAIMED IS:

1. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [1]:

[General Formula 1]



...[1]

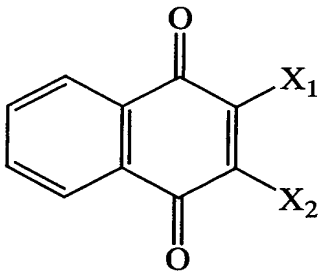
(X1 to X4: hydrogen atom, halogen atom or cyano group).

2. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [2]:

[General Formula 2]



...[2]

(X1 and X2: hydrogen atom, halogen atom or cyano group).

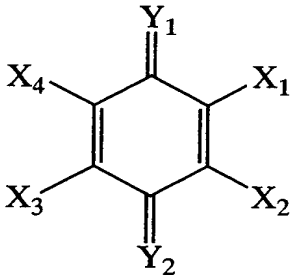
3. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain

and a side chain; and

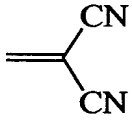
a compound represented by the following general formula [3]:

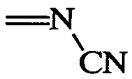
[General Formula 3]



...[3]

(X1 to X4: hydrogen atom, halogen atom or alkyl group
Y1 to Y2: dicyanomethlene group or cyanoimino group)



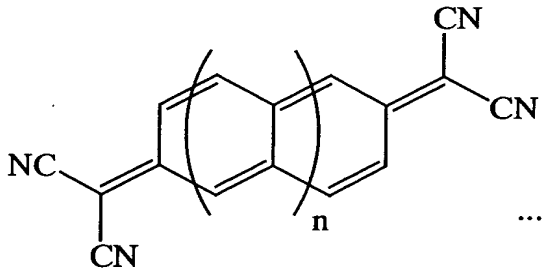


4. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [4]:

[General Formula 4]



...[4]

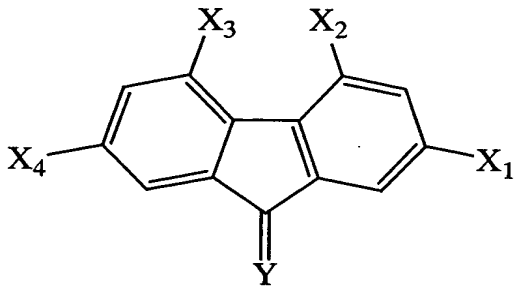
(n=1 to 2)

5. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [5]:

[General Formula 5]



...[5]

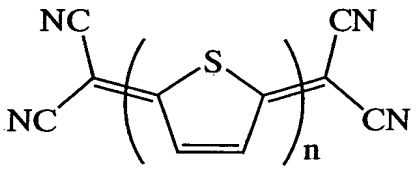
(X1 to X4: hydrogen atom or nitro group
Y: oxygen atom or dicyanomethylene group)

6. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [6]:

[General Formula 6]



...[6]

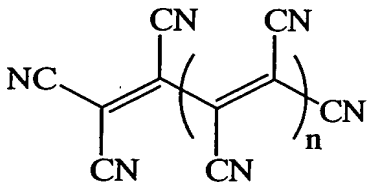
(n=1 to 3)

7. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [7]:

[General Formula 7]



...[7]

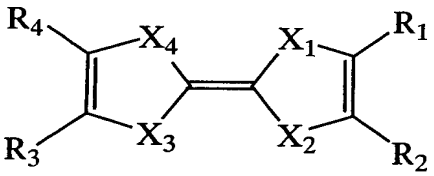
(n=0 to 1)

8. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [8]:

[General Formula 8]



...[8]

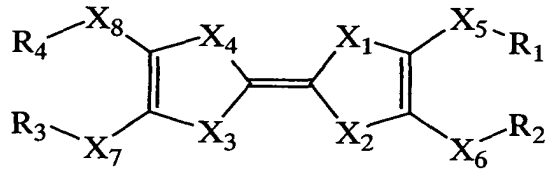
(X1 to X4: S, Se, or Te
R1 to R4: hydrogen atom, or alkyl group, or R1 and R2, or R3 and R4 may be connected with each other and form alkylene chain or condensed ring)

9. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [9]:

[General Formula 9]



...[9]

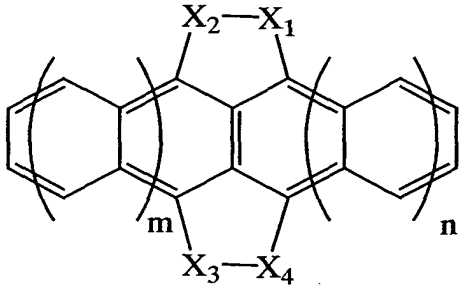
(X1 to X8: S, Se, or Te
R1 to R4: hydrogen atom,or alkyl group, or R1 and R2, or R3 and R4 may be connected with each other and form alkylene chain or olefin double bond)

10. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [10]:

[General Formula 10]



...[10]

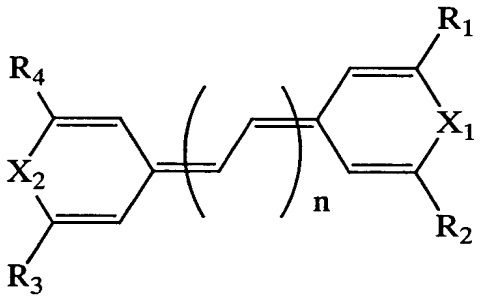
(X1 to X4: S, Se, or Te
n and m=0 to 1)

11. A material for an electroluminescence element, comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain; and

a compound represented by the following general formula [11]:

[General Formula 11]



...[11]

(X1 and X2: S, Se, or Te
R1 to R4: hydrogen atom, alkyl group, aryl group
n=0 to 1)

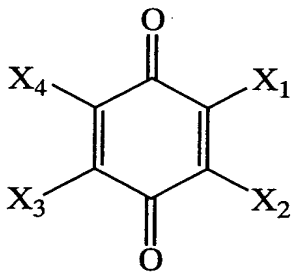
12. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the anode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [1]:

[General Formula 1]



...[1]

(X1 to X4: hydrogen atom, halogen atom or cyano group)

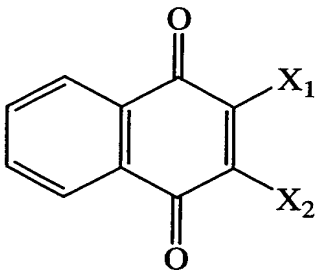
13. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the anode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [2]:

[General Formula 2]



...[2]

(X1 and X2: hydrogen atom, halogen atom or cyano group).

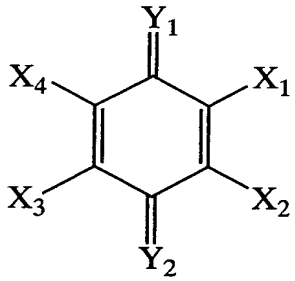
14. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the anode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

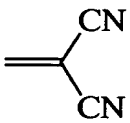
a compound represented by the following general formula [3]:

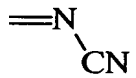
[General Formula 3]



...[3]

(X1 to X4: hydrogen atom, halogen atom or alkyl group
Y1 to Y2: dicyanomethlene group or cyanoimino group)





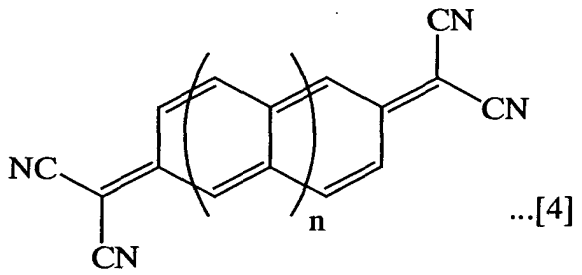
15. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the anode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [4]:

[General Formula 4]



...[4]

(n=1 to 2)

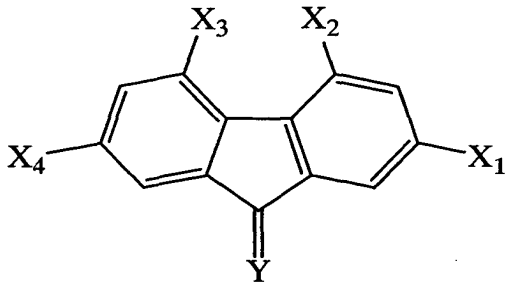
16. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the anode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [5]:

[General Formula 5]



...[5]

(X1 to X4: hydrogen atom or nitro group
Y: oxygen atom or dicyanomethylene group)

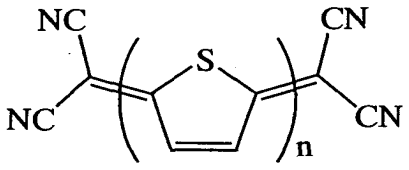
17. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the anode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [6]:

[General Formula 6]



...[6]

(n=1 to 3)

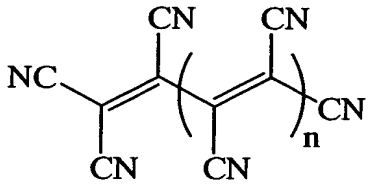
18. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the anode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [7]:

[General Formula 7]



...[7]

(n=0 to 1)

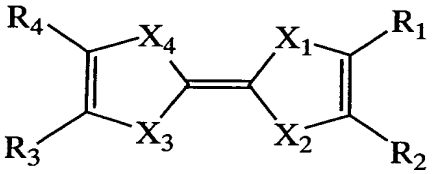
19. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the cathode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [8]:

[General Formula 8]



...[8]

(X1 to X4: S, Se, or Te
R1 to R4: hydrogen atom, or alkyl group, or R1 and R2, or R3 and R4 may be connected with each other and form alkylene chain or condensed ring)

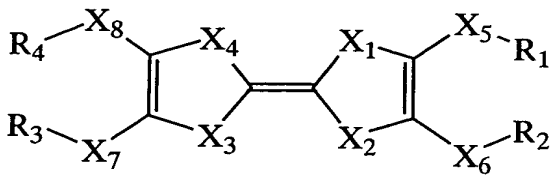
20. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the cathode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [9]:

[General Formula 9]



...[9]

(X1 to X8: S, Se, or Te
R1 to R4: hydrogen atom,or alkyl group, or R1 and R2, or R3 and R4 may be connected with each other and form alkylene chain or olefin double bond)

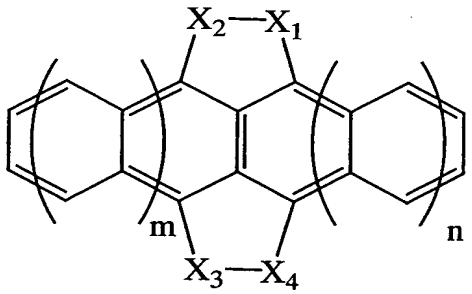
21. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the cathode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [10]:

[General Formula 10]



...[10]

(X1 to X4: S, Se, or Te
n and m=0 to 1)

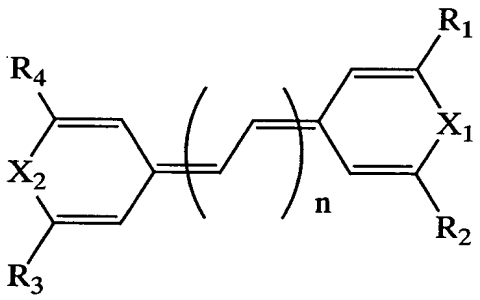
22. An electroluminescence element comprising:

an anode; a buffer layer; an electroluminescence layer; and a cathode, wherein the buffer layer is in contact with the cathode, and the buffer layer comprising a material for the electroluminescence element comprising:

a polymer compound containing a conjugate on at least one of a main chain and a side chain thereof; and

a compound represented by the following general formula [11]:

[General Formula 11]



...[11]

(X1 and X2: S, Se, or Te
R1 to R4: hydrogen atom, alkyl group, aryl group
n=0 to 1)

23. A material for an electroluminescence element according to any one of claims 1 to 22, wherein the polymer compound containing the conjugate on the main chain or the side chain thereof has redox properties.

24. A material for an electroluminescence element according to any one of claims 1 to 22, wherein the polymer compound containing the conjugate on the main chain or the side chain thereof comprises emeraldine base polyaniline.